



#### ABSTRACT OF THE DISCLOSURE

Apparatus for mixing a chemical medium with a pulp suspension is disclosed comprising a housing, a first feeder for feeding the pulp suspension to a mixing  
5 chamber, a rotor body connected to a rotor shaft to produce turbulence in the mixing chamber, a second feeder for feeding the chemical medium to the mixing chamber, and a flow restraining disk with flow passages arranged in an  
10 outlet from the mixing chamber to temporarily increase the flow velocity of the pulp suspension, the rotor body comprising a number of rotor pins extending from the rotor shaft upstream of the disk.